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REMARKS

Claims 1, 3, 5 and 7-9 have been amended as discussed with the Examiner to overcome the current rejections.

Claims 3 and 7-9 stand rejected under 35 USC § 102(e), as being anticipated by U. S. Patent Application Publication No. 2004/0044384 to Leber et al. (the "Leber application").

Claims 3 and 7-9 have been amended to overcome the 35 USC § 102(e) rejection as being anticipated by Leber application. Nowhere is taught or even suggested to interconnect electrical conducting pads without any external electrical sources. In fact, the Leber application teaches away from Claims 3 and 7-9 by teaching connection of the electrical conducting pads to an external electrical source.

Claims 8-9 stand rejected under 35 USC § 102(e), as being anticipated by U. S. Patent Application Publication No. 2004/0176806 to Markoll (the "Markoll application").

Claims 8-9 have been amended to overcome the 35 USC § 102(e) rejection as being anticipated by Markoll application. Nowhere is taught or even suggested to interconnect electrical conducting pads without any external electrical sources. In fact, the Markoll application teaches away from Claims 8-9 by teaching connection of the electrical conducting pads to an external electrical source.

Claims 8-9 stand rejected under 35 USC § 102(e), as being anticipated by U. S. Patent No. 6,178,357 to Gliner et al. (the "Gliner patent").

Claims 8-9 have been amended to overcome the 35 USC § 102(e) rejection as being anticipated by Gliner patent. Nowhere is taught or even suggested to interconnect electrical conducting pads. Nowhere is taught or even suggested to not have any external electrical sources connected to the electrical conducting pads. In fact, the Gliner patent teaches away from Claims 8-9 by teaching connection of the electrical conducting pads to an external electrical source.

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Claims 1, 3, 5 and 7-9 stand rejected under 35 USC § 103(a), as being unpatentable over U. S. Patent No. 6,277,142 to Pinter (the "Pinter patent").

Claims 1, 3, 5 and 7-9 have been amended to overcome the 35 USC § 103(a) rejection as being unpatentable over Pinter patent. Nowhere is taught or even suggested to interconnect electrical conducting pads, such that there is a natural pathway formed between the electrical conducting pads.

In view of the aforementioned remarks and amendments, it is believed that claims 1, 7 and 1-9 are in condition for allowance and allowance of these claims is respectfully requested.

Respectfully submitted,



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